

# DC SUSTAINABLE ENERGY UTILITY



# **DCSEU FY 2016 Results Advisory Board**

November 21, 2016

**Ted Trabue**



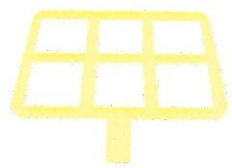
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# Year-End Results

- ▶ 3<sup>rd</sup> Tier Electric Savings
- ▶ 1<sup>st</sup> Tier Gas Savings
- ▶ 158 Income-Qualified Solar Installations
- ▶ Small Business Solar Pilot
- ▶ Create 88 Green Jobs
- ▶ 1.6 Million Pounds of Carbon Emissions Prevented





**158** solar PV  
system installations  
for income-qualified  
homeowners

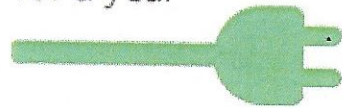
**171,600**  
green job  
hours worked



**1.6 million**  
pounds of carbon  
emissions prevented –  
the equivalent of  
taking 160,000 cars  
off the road for 1 year



Enough  
electricity  
saved to power  
**7,800**  
homes in DC  
for a year<sup>2</sup>



**\$5.6 million**  
invested in energy efficiency  
for low-income residents

**\$4.4 million**  
invested with 27 Certified  
Business Enterprises



Enough natural gas  
saved to heat Benjamin  
Banneker High School for  
**13 years**<sup>3</sup>



**\$18.3 million**  
SETF dollars invested

**\$157 million**  
in lifetime  
customer savings



# Solar in FY 2016

- Expanded Contractor base
- CBE spend
- Partnership with DOEE, Pepco, DCRA
- Lifetime energy cost savings from 158 systems
- First Small Business Solar Pilot



# DCSEU Benchmarks

Item	Description	Metric Unit	Benchmark Minimum	Benchmark Maximum	Year to Date	Minimum Benchmark Progress	Maximum Benchmark Progress
1a	Reduce per-capita consumption - Electricity	MWh	51,845	103,690	79,807	154%	77%
1b	Reduce per-capita consumption - Natural gas	Mcf	61,521	273,428	106,218	173%	39%
2	Increase renewable energy generating capacity	Cost / kWh	10% cost reduction over 2015	20% cost reduction over 2015	77%	770%	385%
3	Improve energy efficiency in low-income housing	% of annual budget	\$3,520,000	\$5,280,000	\$5,614,119	160%	106%
4	Increase number of green collar jobs	Green job FTE's directly worked by DC residents, earning at least a Living Wage (hours)	102,960	171,600	171,600	167%	100%





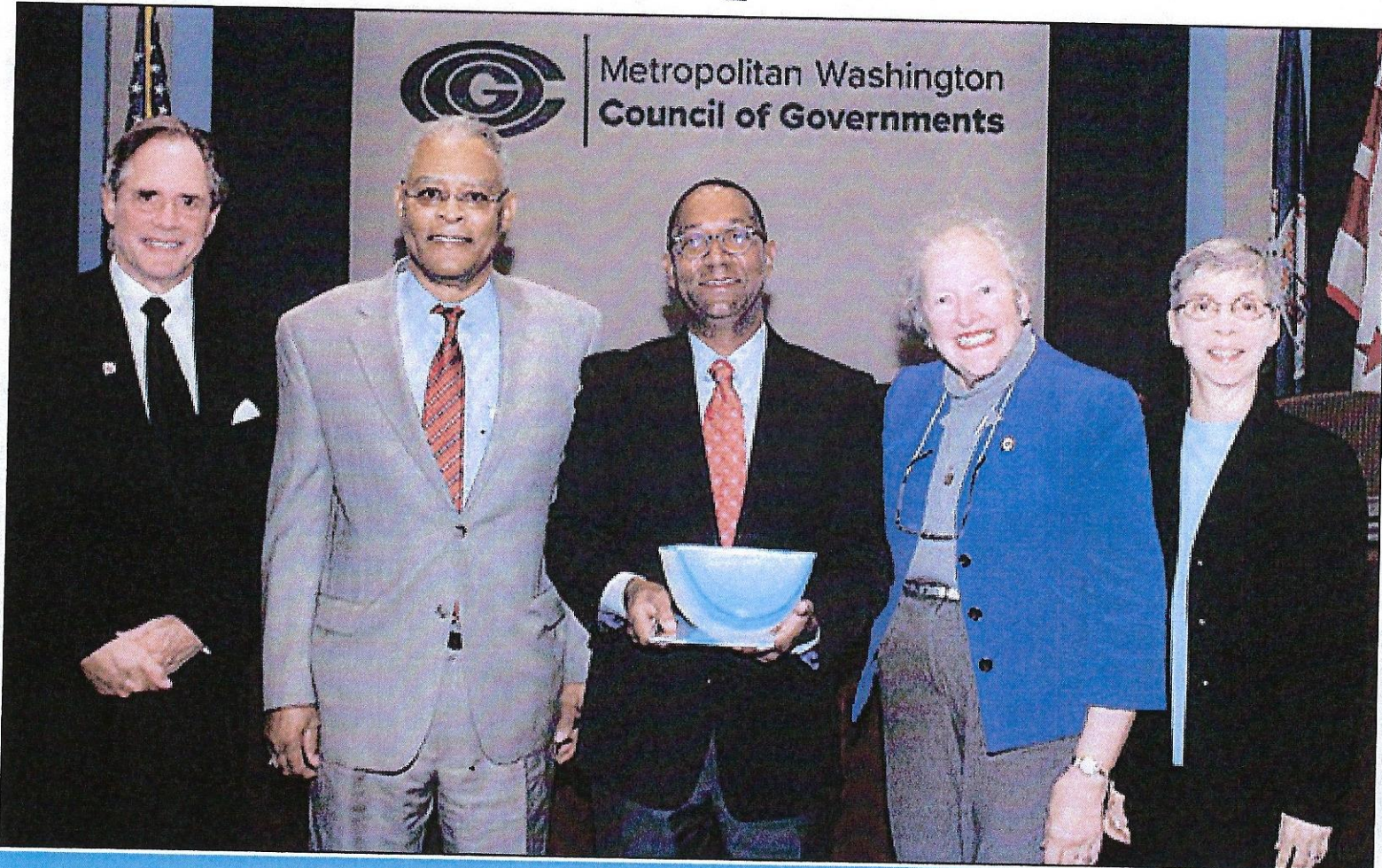
# DCSEU Minimum Requirements

Item	Description	Metric Unit	Minimum Requirement	Maximum Requirement	Year to Date	Minimum Requirement Progress	Maximum Requirement Progress
5	Reduce growth in peak demand	kW	2,000	20,000	9,310	466%	47%
6	Reduce growth in energy demand of large energy users	# of projects completed with a square footage > 200,000	30	50	94	313%	188%
7	Expenditure of SETF dollars	\$	\$17.6 million	NA	\$18.37 million	104%	N/A
8	Expenditures with CBEs	\$	\$3.1 million	N/A	\$4.47 million	144%	N/A
9a	Electric Expenditures	\$	\$10.56 million (75% of funds received from electric company)	\$17.6 million (125% of funds received from electric company)	\$13.4 million	102%	80%
9b	Gas Expenditures	\$	\$2.64 million (75% of funds received from gas company)	\$4.4 million (125% of funds received from gas company)	\$4.97million	188%	113%





# MWCOG Climate & Energy Leadership Awards





# Foreign Delegations

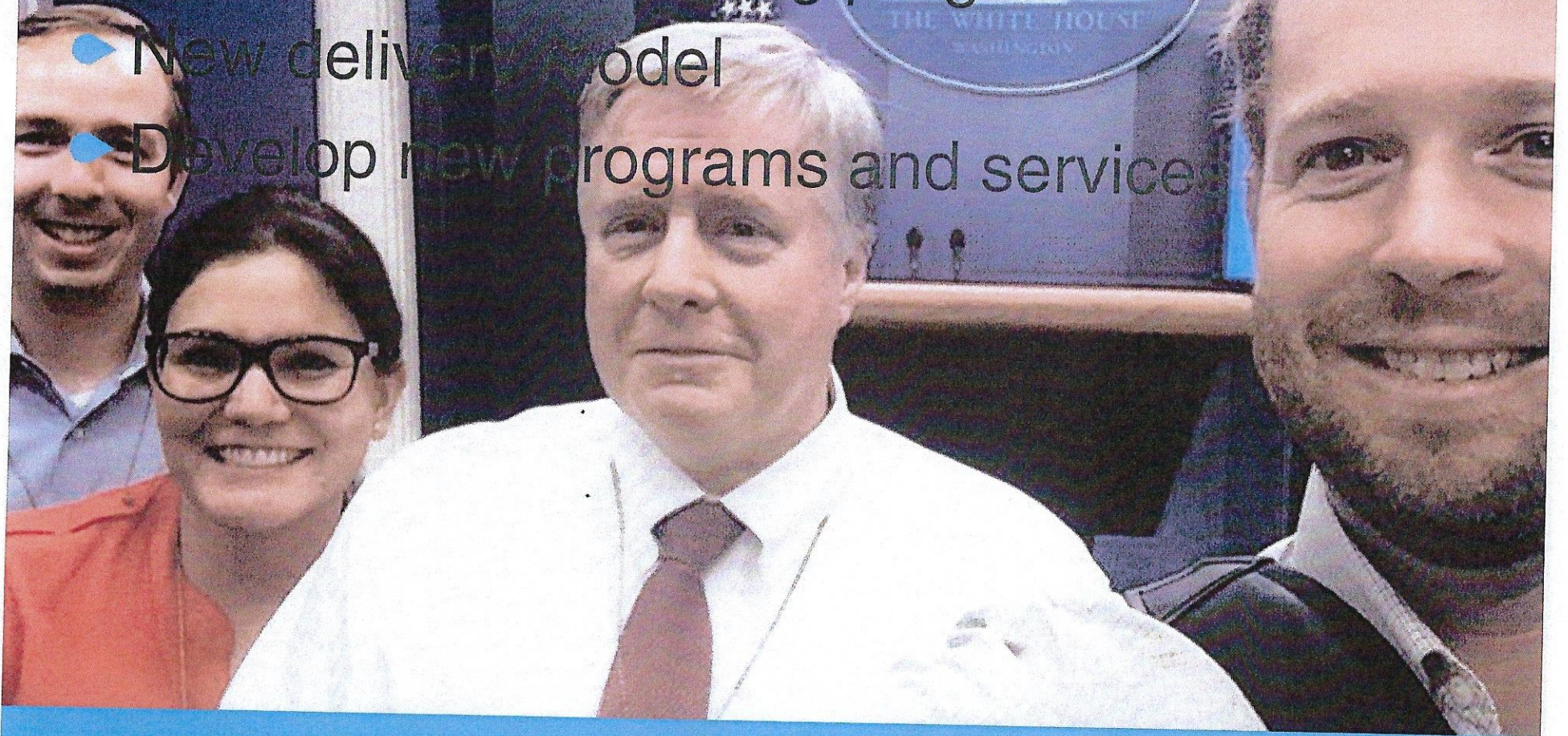


- ▶ Chinese Delegations
- ▶ India Delegation
- ▶ U.S. Dept. of State solar programs
- ▶ Millennium Challenge Corp. Benin
- ▶ U.S. Dept. of State Foreign Policy and Energy Security



# Q1 FY 2017

- ▶ Retain high-performing programs
- ▶ New delivery model
- ▶ Develop new programs and services



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